Quick Set-up Guide for Optional/Additional Model 2100 DECT 6.0 Cordless Handset for use with Systems 2101 and 2102 Series

Please read this manual before operating product for the first time.

Visit the RCA web site at www.rca4phones.com

Model 2100

Equipment Approval Information

Your telephone equipment is approved for connection to the Public Switched Telephone Network and is in compliance with parts 15 and 68, FCC Rules and Regulations and the Technical Requirements for Telephone Terminal Equipment published by ACTA.

1 Notification to the Local Telephone Company

On the bottom of this equipment is a label indicating, among other information, the US number and Ringer Equivalence Number (REN) for the equipment. You must, upon request, provide this information to your telephone company.

The REN is useful in determining the number of devices you may connect to your telephone line and still have all of these devices ring when your telephone number is called. In most (but not all) areas, the sum of the RENs of all devices connected to one line should not exceed 5. To be certain of the number of devices you may connect to your line as determined by the REN, you should contact your local telephone company. A plug and jack used to connect this equipment to the premises wiring and telephone network must comply with the applicable FCC Part 68 rules and requirements adopted by the ACTA. A compliant telephone cord and modular plug is provided with this product. It is designed to be connected to a compatible modular jack that is also compliant. *See* installation instructions for details.

Notes

- This equipment may not be used on coin service provided by the telephone
- company.
- Party lines are subject to state tariffs, and therefore, you may not be able to use your own telephone equipment if you are on a party line. Check with your local telephone company.
- Notice must be given to the telephone company upon permanent disconnection of your telephone from your line.
- If your home has specially wired alarm equipment connected to the telephone line, ensure the installation of this product does not disable your alarm equipment. If you have questions about what will disable alarm equipment , consult your telephone company or a qualified installer.

US Number is located on the cabinet bottom.

REN Number is located on the cabinet bottom.

2 Rights of the Telephone Company

Should your equipment cause trouble on your line which may harm the telephone network, the telephone company shall, where practicable, notify you that temporary discontinuance of service may be required. Where prior notice is not practicable and the circumstances warrant such action, the telephone company may temporarily discontinue service immediately. In case of such temporary discontinuance, the telephone company must: (1) promptly notify you of such temporary discontinuance; (2) afford you the opportunity to correct the situation; and (3) inform you of your right to bring a complaint to the Commission pursuant to procedures set forth in Subpart E of Part 68, FCC Rules and Regulations.

The telephone company may make changes in its communications facilities, equipment, operations or procedures where such action is required in the operation of its business and not inconsistent with FCC Rules and Regulations. If these changes are expected to affect the use or performance of your telephone equipment, the telephone company must give you adequate notice, in writing, to allow you to maintain uninterrupted service.

Interference Information

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference; and (2) This device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. Privacy of Communications may not be ensured when using this product.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna (that is, the antenna for radio or television that is "receiving" the interference).
- Reorient or relocate and increase the separation between the telecommunications equipment and receiving antenna.
- Connect the telecommunications equipment into an outlet on a circuit different from that to which the receiving antenna is connected.

If these measures do not eliminate the interference, please consult your dealer or an experienced radio/television technician for additional suggestions. Also, the Federal Communications Commission has prepared a helpful booklet, "How To Identify and Resolve Radio/TV Interference Problems." This booklet is available from the U.S. Government Printing Office, Washington, D.C. 20402. Please specify stock number 004-000-0034 5-4 when ordering copies.

Notice: The changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

HearingAidCompatibility(HAC)

This telephone system meets FCC standards for Hearing Aid Compatibility.

FCC RF Radiation Exposure Statement

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment.This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body. This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter.

For body worn operation, this phone has been tested and meets the FCC RF exposure guidelines when used with the belt clip supplied with this product. Use of other accessories may not ensure compliance with FCC RF exposure guidelines.

Information for DECT Product

This telephone is compliant with the DECT 6.0 standard which operates in the 1.92GHz to 1.93GHz frequency range. Installation of this equipment is subject to notification and coordination with UTAM.

Any relocation of this equipment must be coordinated through and approved by UTAM. UTAM may be contacted at 1-800-42 9-8826.

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IndustryCanada(I.C.)Notice

This product meets the applicable Industry Canada technical specifications.
Le présent materiel est conforme aux specifications techniques applicables d'Industrie Canada.

The Ringer Equivalence Number is an indication of the maximum number of terminals allowed to be connected to a telephone interface. The termination on an interface may consist of any combination of devices subject only to the requirement that the sum of the Ringer Equivalence Numbers of all the devices does not exceed five.

L'indice d'équivalence de la sonnerie (IES) sert à indiquer le nombre maximal de terminaux qui peuvent être raccordés à une interface téléphonique. La terminaison d'une interface peut consister en une combinaison quelconque de dispositifs, à la seule condition que la somme d'indices d'équivalence de la sonnerie de tous les dispositifs n'excède pas 5.

This Class B digital apparatus complies with Canadian ICES-003.
Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

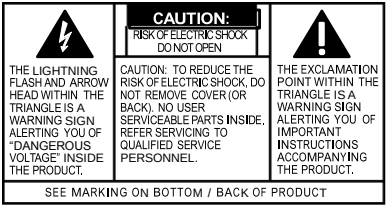
IMPORTANT SAFETY INSTRUCTIONS

When using your telephone equipment, basic safety precautions should always be followed to reduce the risk of fire, electric shock and injury to persons, including the following:

- Do not use this product near water for example, near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement, or near a swimming pool.
- Avoid using a telephone (other than a cordless type) during an electrical storm. There may be a remote risk of electric shock from lightning.
- Do not use the telephone to report a gas leak in the vicinity of the leak.
- Use only the power cord and batteries indicated in this manual. Do not dispose of batteries in a fire. They may explode. Check with local codes for possible special disposal instructions.

SAVETHESEINSTRUCTIONS

WARNING: TO PREVENT FIRE OR ELECTRICAL SHOCK HAZARD, DO NOT EXPOSETHIS PRODUCT TO RAIN OR MOISTURE.

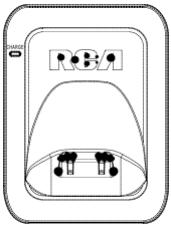

CAUTION:
RISK OF ELECTRIC SHOCK DO NOT OPEN
THE LIGHTNING FLASH AND ARROW HEAD WITHIN THE TRIANGLE IS A WARNING SIGN ALERTING YOU OF "DANGEROUS VOLTAGE" INSIDE THE PRODUCT.
CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.
THE EXCLAMATION POINT WITHIN THE TRIANGLE IS A WARNING SIGN ALERTING YOU OF IMPORTANT INSTRUCTIONS ACCOMPANYING THE PRODUCT.
SEE MARKING ON BOTTOM / BACK OF PRODUCT

IMPORTANT: Because cordless phones operate on electricity, you should have at least one phone in your home that isn't cordless, in case the power in your home goes out.

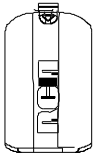
Before You Begin

Parts Checklist

Make sure your package includes the items listed here.



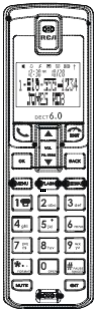
Charge Cradle



Battery compartment cover

AC power adaptor

Handset battery pack



Handset

Installation

Digital Security System

Your cordless phone uses a digital security system to protect against false ringing, unauthorized access, and charges to your phone line.

INSTALLATION NOTE: Some cordless telephones operate at frequencies that may cause or receive interference with nearby TVs, microwave ovens, and VCRs. To minimize or prevent such interference, the base of the cordless telephone should not be placed near or on top of a TV, microwave oven, or VCR. If such interference continues, move the cordless telephone farther away from these appliances.

Certain other communications devices may also use the 1.9GHz DECT frequency for communication, and, if not properly set, these devices may interfere with each other and/or your new telephone. If you are concerned

with interference, please refer to the owner's manual for these devices on how to properly set channels to avoid interference. Typical devices that may use the 1.9GHz DECT frequency for communication include wireless audio/video senders, wireless computer networks, multi-handset cordless telephone systems, and some long-range cordless telephone systems.

Important safety instructions

- Use only the power supply listed in the user instructions.
- Use only the batteries listed in the user instructions.
- Do not allow the charging contacts or the battery to come into contact with metal objects.
- Do not open the handset, base station or charger as you could be exposed to high voltages.
- Do not allow the charger to come into contact with liquids.
- Risk of explosion if battery is replaced by an incorrect type.
- Dispose of used batteries according to the instructions.
- Always use the cables provided with the product.
- For pluggable equipment, the socket-outlet shall be installed near the equipment and shall be easily accessible.
- This equipment is not designed to make emergency calls when the power fails. An alternative has to be made available to allow emergency calls.
- Do not expose the phone to excessive heat caused by heating equipment or direct sunlight.
- Do not drop your phone or allow objects to fall on your phone.
- Do not use any cleaning agents containing alcohol, ammonia, benzene, or abrasives as these may harm the set.
- Do not use the product in places where there are explosive hazards.
- Do not let small metal objects come into contact with the product. This can deteriorate audio quality and damage the product.
- Active mobile phones in the vicinity may cause interference.
- Metallic objects may be retained if placed near or on the handset receiver.

Installing the Phone

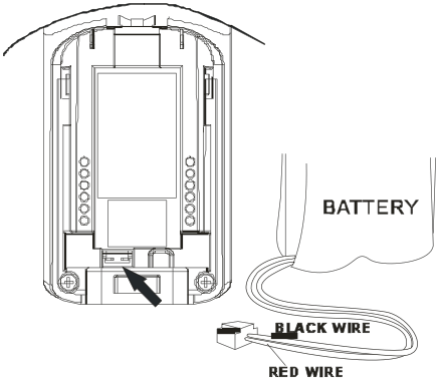
Installing the Handset Battery

NOTE: You must connect the handset battery before use.

Nickel metal Hydride battery (Ni-MH) battery (Brand name: SANIK, Model name: 2SN-AAA55H-S-J1, Capacity: 2.4V/550mAh; Brand name: BYD, Model name: H-AAA550BX2, Capacity: 2.4V/550mAh; Brand name: CORUN, Model name: NI-MH AAA550, Capacity: 2.4V/550mAh), that is compatible with this unit.

1. Locate battery and battery door which are packaged together inside a plastic bag and are separate from the handset.
2. Locate the battery compartment on the back of the handset.
3. Plug the battery pack cord into the jack inside the compartment.

NOTE: To ensure proper battery installation, the connector is keyed and can be inserted only one way.



4. Insert the battery pack.
5. Close the battery compartment by pushing the door up until it snaps into place.

Handset Charging Cradle

1. Plug the AC power converter of the charging cradle into the electrical outlet.

CAUTION: To reduce risk of personal injury, fire, or damage use only the power adaptor (Manufacturer: ESL, Type: IA5060, 120Vac/6Vdc/ 500mA) listed in the user's guide. This power adaptor is intended to be correctly orientated in a vertical or floor mount position.

2. Place the handset in the charging cradle. The charge indicator turns on, verifying the battery is charging.
3. Allow the phone to charge for 16 hours prior to first use. If you don't properly charge the phone, battery performance is compromised.

Advanced settings

Registration

You can register additional handsets to the base station. The base station can register up to 4 handsets.

1 Press MENU on the handset.
2 Select [ADVANCED SET] > [REGISTRATION], then press [OK] to confirm.
3 Press and hold on the base station for 5 seconds until you hear a confirmation beep.
4 Enter the system PIN. Press [BACK] to make corrections.
5 Press [OK] to confirm the PIN.

»» Registration is completed in less than 2 minutes. The base automatically assigns a handset number to the handset.

Note

•• If the PIN is incorrect or no base is found within a certain period, your handset displays a notification message. Repeat the above procedure if registration fails.

Unregister the handsets

1 If two handsets share the same base station, you can unregister a handset with another handset.
2 Press MENU.
3 Select [ADVANCED SET] > [UNREGISTER], then press [OK] to confirm.
4 Select the handset number to be unregistered.
5 Press [OK] to confirm.

»» The handset is unregistered.

Tip

• The handset number displays beside the handset name in standby mode.

Programming the Telephone

Name the handset

The name of the handset can be up to 12 characters. It is displayed on the handset screen in standby mode.

1 Press MENU.
2 Select [PERSONAL SET] > [HANDSET NAME], then press [OK] to confirm.
3 Enter or edit the name. To erase a character, press [BACK].
4 Press [OK] to confirm.
»» The setting is saved.

Set the display language

1 Press MENU.
2 Select [PERSONAL SET] > [LANGUAGE], then press [OK] to confirm.
3 Select a language, then press [OK] to confirm.
»» The setting is saved.

Personalize the sounds
Set the handset's melody

You can select from 10 melodies

1 Press MENU.
2 Select [PERSONAL SET] > [HANDSET TONES] > [RING MELODY], then press [OK] to confirm.
3 Select a melody, then press [OK] to confirm.
»» The setting is saved.

Set the handset's volume

You can select among 4 volume levels or [OFF].

1 Press MENU.
2 Select [PERSONAL SET] > [HANDSET TONES] > [RING VOLUME], then press [OK] to confirm.
3 Select a volume level, then press [OK] to confirm.
»» The setting is saved.

Tip

•• To turn off the melody, press and hold [# PAUSE/RINGER] in standby mode. Then displays on the screen.

Set the key tone

Key tone is the sound made when you press a key on the handset.

1 Press MENU.
2 Select [PERSONAL SET] > [HANDSET TONES] > [KEY BEEP], then press [OK] to

confirm.
3 Select [ON]/[OFF], then press [OK] to confirm.
»» The setting is saved.

Intercom Operation

An intercom call is a call to another handset that shares the same base station. A conference call involves a conversation among you, another handset user and the outside callers.

Make a call to another handset

Note

•• If the base station only has 2 registered handsets, press INT to make a call to another handset.

1 Press INT. The handsets available for intercom are displayed.
2 Select a handset number, then press [OK] to confirm.
»» The selected handset rings.
3 Press on the selected handset.
»» The intercom is established.
4 Press EXIT to cancel or end the intercom call.

Note

•• If the selected handset is occupied in a call, you hear a busy tone.

While you are on the phone

You can go from one handset to another during a call:

1 Press INT.
2 The current caller is put on hold.
3 Select a handset number, then press [OK] to confirm.

Toggle between calls

Press INT to switch between the outside call and the intercom call.

Transfer a call

1 Press INT during a call.
2 Select a handset number, then press [OK] to confirm.
3 Press EXIT when the other side answers your call.
»» The call is now transferred to the selected handset.

Make a conference call

A 3-way conference call is a call between you, another handset user and the outside callers. It requires two handsets to share the same base station.

During an external call

1 Press INT to initiate an internal call.

»» The handsets available for intercom are displayed.

»» The external caller is put on hold.

2 Select or enter a handset number, then press [OK] to confirm.

»» The selected handset rings.

3 Press on the selected handset.

»» The intercom is established.

4 Press and hold INT on your handset.

»» You are now on a 3-way conference call with the external call and the selected handset.

5 Press EXIT to end the conference call.

Note

Press to join an ongoing conference with another handset if [ADVANCED SET] >[CONFERENCE] is set to [ON].

During the conference call

1 Press INT to put the external call on hold and go back to the internal call.

»» The external call is put on hold.

2 Press INT to toggle between the external and internal call.

3 Press and hold INT to establish the conference call again.

Note

•• If a handset hangs up during the conference call, the other handset remains connected to the external call.

Battery Safety Precautions

- Do not burn, disassemble, mutilate, or puncture. Like other batteries of this type, toxic materials could be released which can cause injury.
- To reduce the risk of fire or personal injury, use only the **Nickel-metal Hydride** battery listed in the User's Guide.
- Keep batteries out of the reach of children.
- Remove batteries if storing over 30 days.

Causes of Poor Reception

- Aluminum siding.
- Foil backing on insulation.
- Heating ducts and other metal construction that can shield radio signals.
- You're too close to appliances such as microwaves, stoves, computers, etc.
- Atmospheric conditions, such as strong storms.
- Base is installed in the basement or lower floor of the house.
- Base is plugged into AC outlet with other electronic devices.
- Baby monitor is using the same frequency.
- Handset battery is low.
- You're out of range of the base.

General Product Care

To keep your telephone working and looking good, follow these guidelines:

- Avoid putting the phone near heating appliances and devices that generate electrical noise (for example, motors or fluorescent lamps).
- DO NOT expose to direct sunlight or moisture.
- Avoid dropping the unit and other rough treatment.
- Clean with a soft cloth.
- Never use a strong cleaning agent or abrasive powder because this will damage the finish.
- Retain the original packaging in case you need to ship the phone at a later date.
- Periodically clean the charge contacts on the handset and base with a soft cloth.

Frequently asked questions

The signal icon blinks on the screen

- The handset is out of range. Move it closer to the base station.
- If the handset displays [UNREGISTERED], register the handset.

Tip

- For more information, see "Registration" on the advanced settings section.

If I fail to register the additional handsets to the base station, what do I do?

Your base memory is full. Un-register the unused handsets and try again.

No dialing tone

- Check your phone connections.
- The handset is out of range. Move it closer to the base station.

No docking tone

- The handset is not placed properly on the base station/charger.
- The charging contacts are dirty.

Disconnect the power supply first and clean the contacts with a damp cloth.

The handset on the charger does not charge.

- Ensure the battery pack is inserted properly.
- Ensure the handset is placed properly on the charger. The battery icon animates when charging.
- Batteries are defective. Purchase new ones from your dealer.

No display

- Ensure the batteries are charged.
- Ensure there are power and phone connections.

Bad audio (crackles, echo, etc.)

The handset is nearly out of range. Move it closer to the base station.

- The phone receives interference from the nearby electrical appliances. Move the base station away from them.
- The phone is at a location with thick walls. Move the base away from them.

The handset does not ring.

Ensure the handset ringtone is turned on.

The caller ID does not display.

- The service is not activated. Check with your service provider.
- The caller's information is withheld or unavailable.

When I see [WAITING...] on the screen, what is happening with the phone?

The phone is recalling the memory of the phonebook and call log. Both

items of information are stored in the base station. Then the handset retrieves the data from the base station after a few seconds. When you press the call log/phonebook but that information is displayed on the handset.

The handset loses connection with the base or the sound is distorted during a call.

- Disconnect the power supply from both the handset and base station. Try again after 1 minute.

Warranty Assistance

Your sales receipt will be required to demonstrate proof of purchase in order to validate your warranty eligibility. You may want to attach either the original, or a photocopy, of your sales receipt to this booklet for future reference.

If this product was received as a gift,it is suggested you jot down the date of gift receipt, as this information will be valuable should service be required during the warranty period. If the equipment is causing harm to the telephone network, the telephone company may require that you disconnect the equipment until the problem is resolved.

Purchase Date or Date Received as Gift _____

Name of Store _____

For instructions on how to obtain warranty service, you may call Customer Care at 1-877-722-4908 or you may visit our website at www.rca4phones.com. If you prefer, you may write to us at:

Supreme Power USA LLC

PO Box 501045

Indianapolis IN 46250-1045

Please do not send products to this address as it only adds delays in service and may result in lost or damaged product.This PO BOX is for written communication only.

If the equipment is causing harm to the telephone network, the telephone company may require that you disconnect the equipment until the problem is resolved.

LimitedWarranty

What your limited warranty covers:

- Defects in materials or workmanship.

For how long after your purchase:

- One year, from date of purchase. Please retain your sales receipt, as that will act as your proof of purchase in order to validate warranty status.

What we will do:

- Provide you with a new or, at our option, a refurbished exchange unit of same or similar model. The exchange model is under warranty for the remainder of the original product's one year warranty, or 90 days from the date the replacement product was shipped to you, whichever is longer.

How to get service:

- Call Customer Care at 1-877-722-4908. Please have your product with you and please have your model number and date code available when calling us. The model number and date code can be found on the underside of the base unit.

If you are within your limited warranty period and it is determined that service is required:

- We will ask that you properly pack your product to avoid shipping damage. We recommend that you use the original carton and packing materials.
- We will ask you to include with your product the following:
    - o Your name, return shipping address and daytime phone number handwritten or typed on a sheet of paper
    - o A legible copy of your sales receipt (please do not send the original sales receipt)
- Ship your product prepaid, to the address we provide. We suggest shipping your product via a traceable carrier, as we are not responsible for lost, mis-directed or damaged shipments. You may want to write the date shipped, carrier and tracking number here:

_____

- Upon receipt of your product we will validate your product is under warranty and if determined your product is warranty eligible, we will ship to you a new or, at our option, a refurbished exchange unit of same or similar model. This exchange unit will be shipped to you at no cost.

What your limited warranty does not cover:

- Customer Instruction. (Your Owner's Manual provides information regarding operating and install instructions. Additional information may be obtained by contacting the retailer)
- Installation and set-up service adjustments.
- Batteries.
- Damage from misuse, neglect , unauthorized repair.
- Products which have been modified or incorporated into other products
- Products that have been serviced by an unauthorized servicer.
- Products purchased or serviced outside the USA or Canada.
- Acts of nature, such as but not limited to, lightning damage.

Limitation of Warranty:

- **THIS LIMITED WARRANTY IS THE ONLY WARRANTY APPLICABLE TO THIS PRODUCT. ALL OTHER WARRANTIES, EXPRESS OR IMPLIED (INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) ARE HEREBY DISCLAIMED. NO VERBAL OR WRITTEN INFORMATION GIVEN BY SUPREME POWER USA LLC, ITS AGENTS, EMPLOYEES, RETAIL DEALERS OR INDEPENDENT CONTRACTORS SHALL CREATE A GUARANTY OR IN ANY WAY INCREASE THE SCOPE OF THIS WARRANTY.**

- **REPAIR OR REPLACEMENT AS PROVIDED UNDER THIS WARRANTY IS THE EXCLUSIVE REMEDY OF THE CONSUMER. SUPREME POWER USA LLC SHALL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THIS PRODUCT OR ARISING OUT OF ANY BREACH OF ANY EXPRESS OR IMPLIED WARRANTY ON THIS PRODUCT. THIS DISCLAIMER OF WARRANTIES AND LIMITED WARRANTY ARE GOVERNED BY THE LAWS OF THE STATE OF INDIANA EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ON THIS PRODUCT IS LIMITED TO THE APPLICABLE WARRANTY PERIOD SET FORTH ABOVE.**

How state law relates to this warranty:

Some states do not allow the exclusion nor limitation of incidental or consequential damages, or limitations on how long an implied warranty lasts so the above limitations or exclusions may not apply to you.

This warranty gives you specific legal rights, and you also may have other rights that vary from state to state.

If you purchased your product outside the USA or Canada:

This warranty does not apply. Contact your dealer for warranty information.

Product Registration:

- Please complete and mail the Product Registration Card packed with your product or visit www.rca4phones.com to register your new product. Product registration is not required for warranty coverage but does allow us to contact you should it be necessary.

Visit theRCAwebsiteatwww.rca4phones.com

Please do not send any products to the Indianapolis address listed in this manual or on the carton. This will only add delays in service for your product.

2100
Printed in China
10-35